

Name: _____

pa1030: Box multiplication of linear binomials (v10)

Example

Use the box method to multiply $(6x + 3)$ and $(2x + 4)$.

*	$6x$	3	
$2x$	$12x^2$	$6x$	$12x^2 + 6x + 24x + 12$
4	$24x$	12	Combine like terms.
			$12x^2 + 30x + 12$

ANSWER: $12x^2 + 30x + 12$

Question 1

Use the box method to multiply $(4x + 2)$ and $(3x + 5)$.

*	$4x$	2	
$3x$			
5			

ANSWER:

Question 2

Use the box method to multiply $(-8x + 7)$ and $(4x + 3)$.

*	$-8x$	7
$4x$		
3		

ANSWER:

Question 3

Use the box method to multiply $(6x + 8)$ and $(-7x - 4)$.

*		

ANSWER: